

Figure 1A

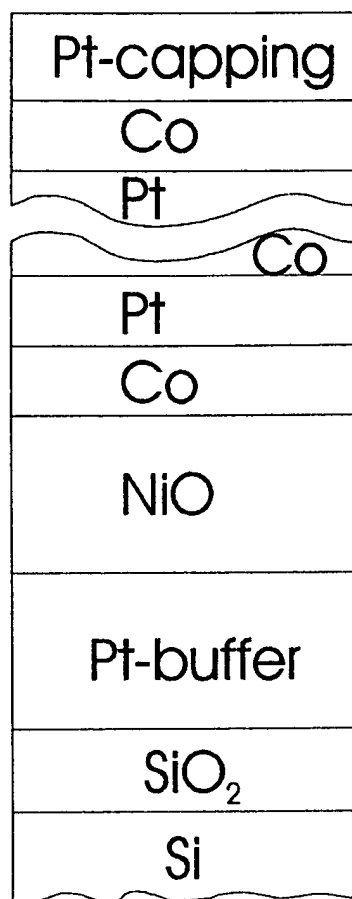


Figure 1B

Pt-capping
Co
Pt
Co
Pt
Co
PtMn
Pt-buffer
Ta
SiO <sub>2</sub>
Si

Figure 1C

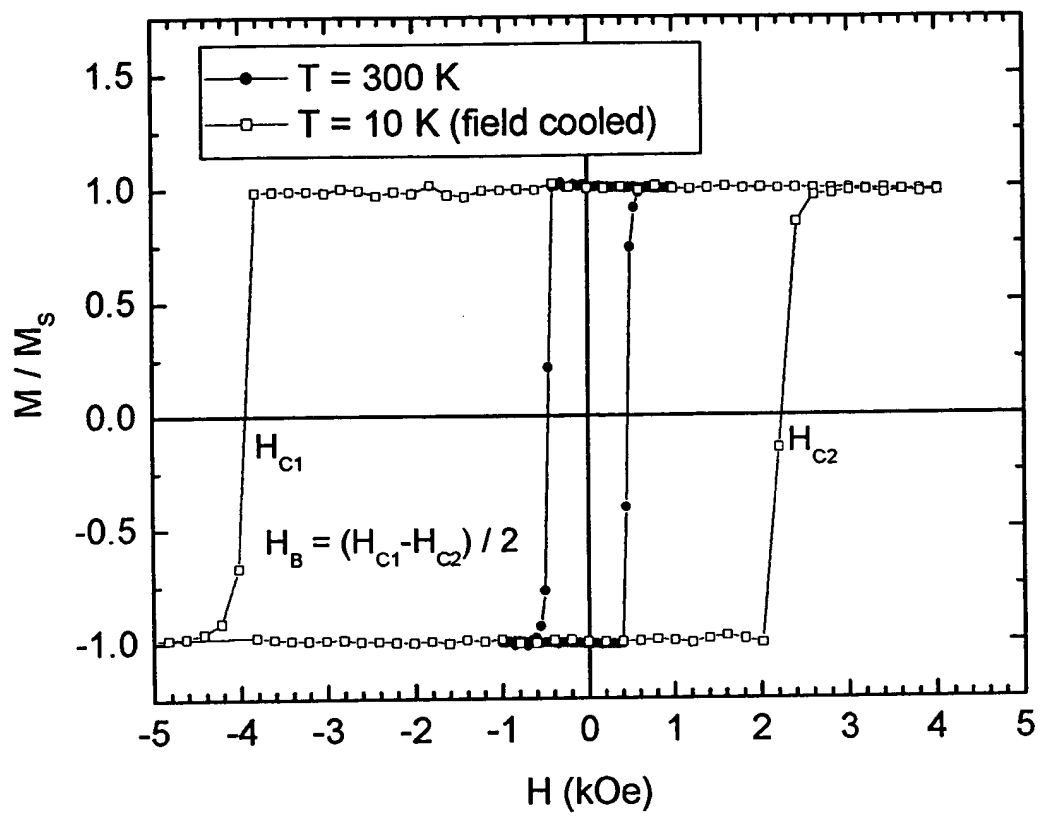


Figure 2A

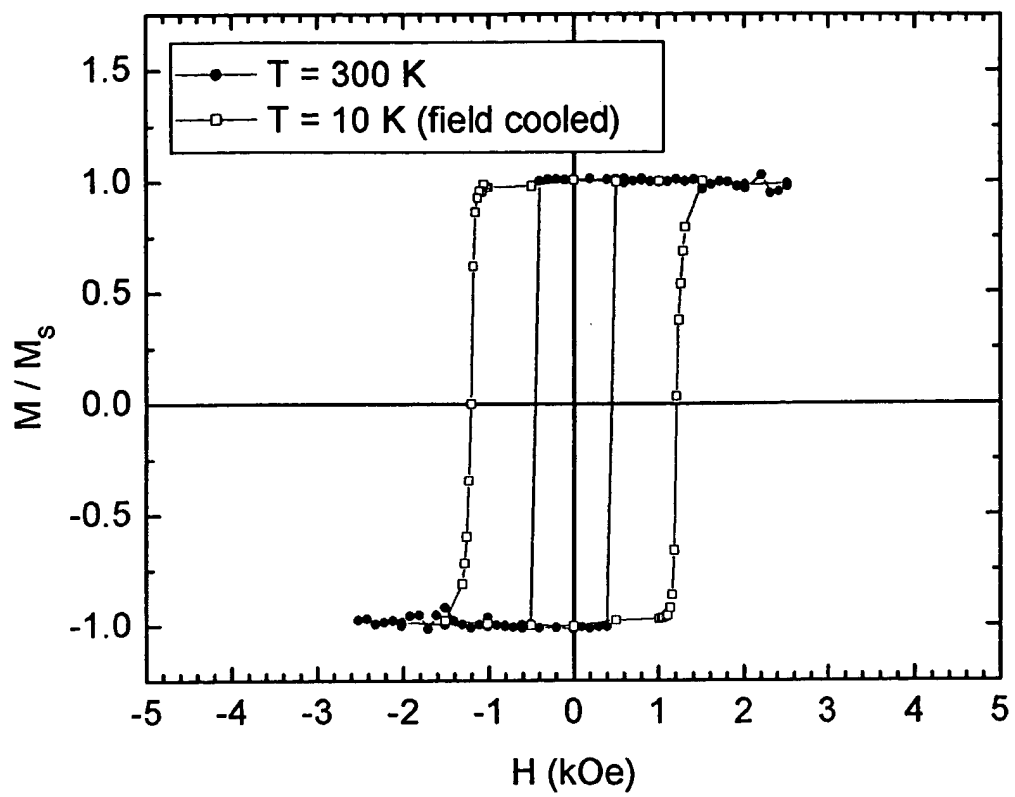


Figure 2B

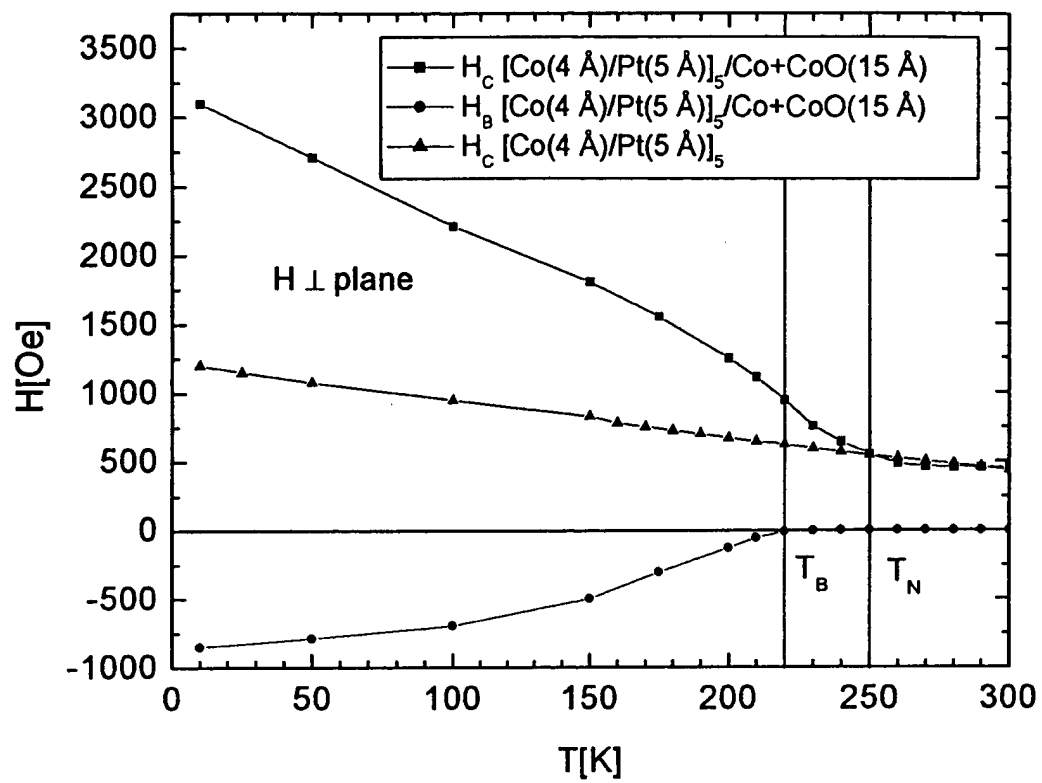


Figure 3

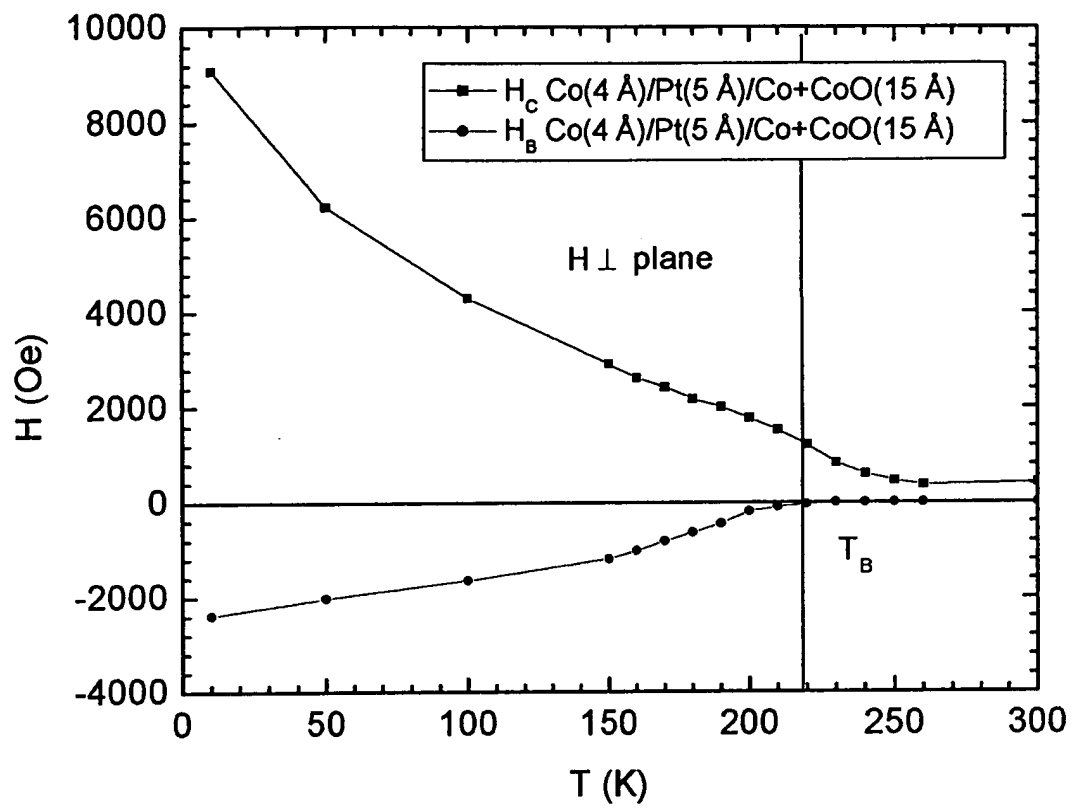


Figure 4

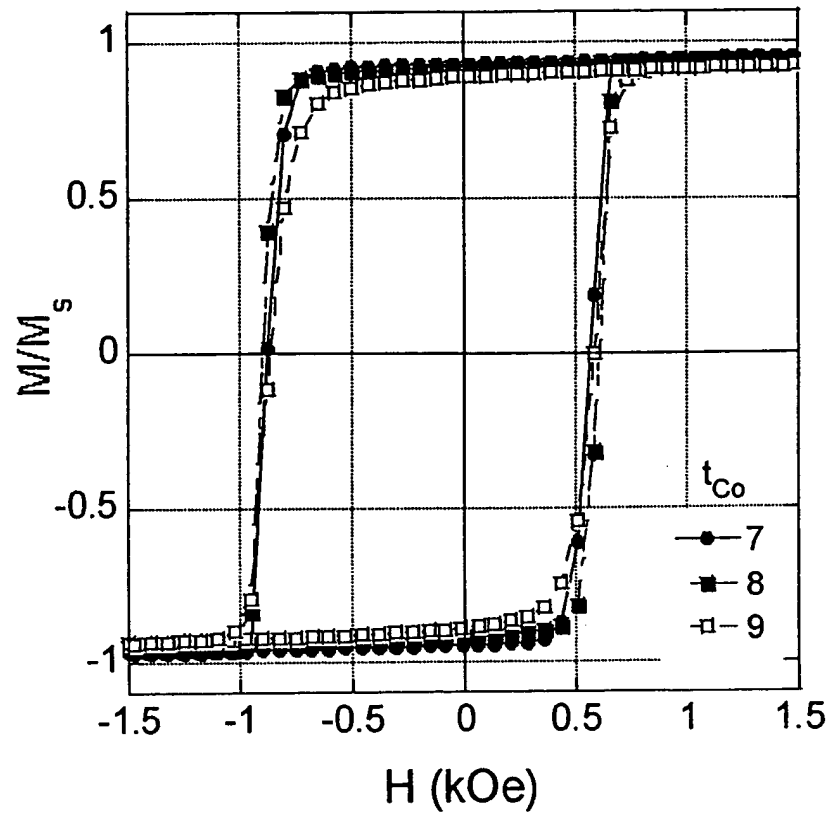


Figure 5



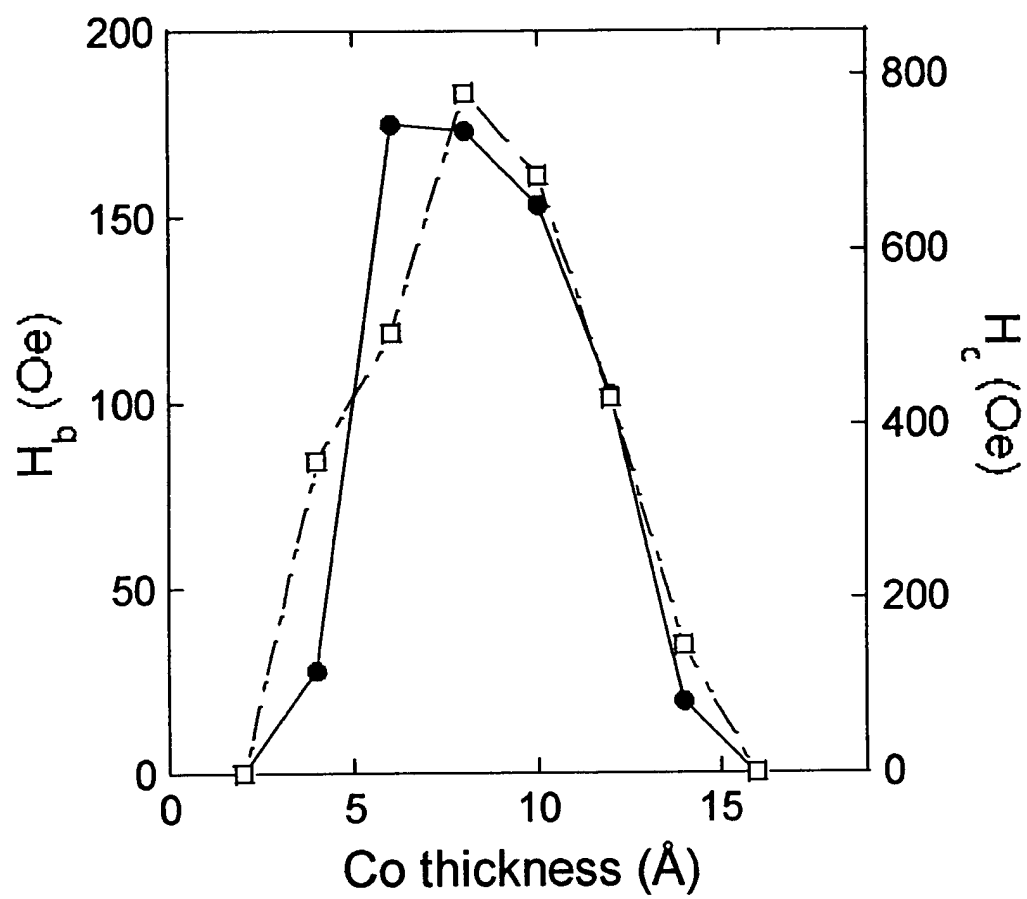


Figure 6

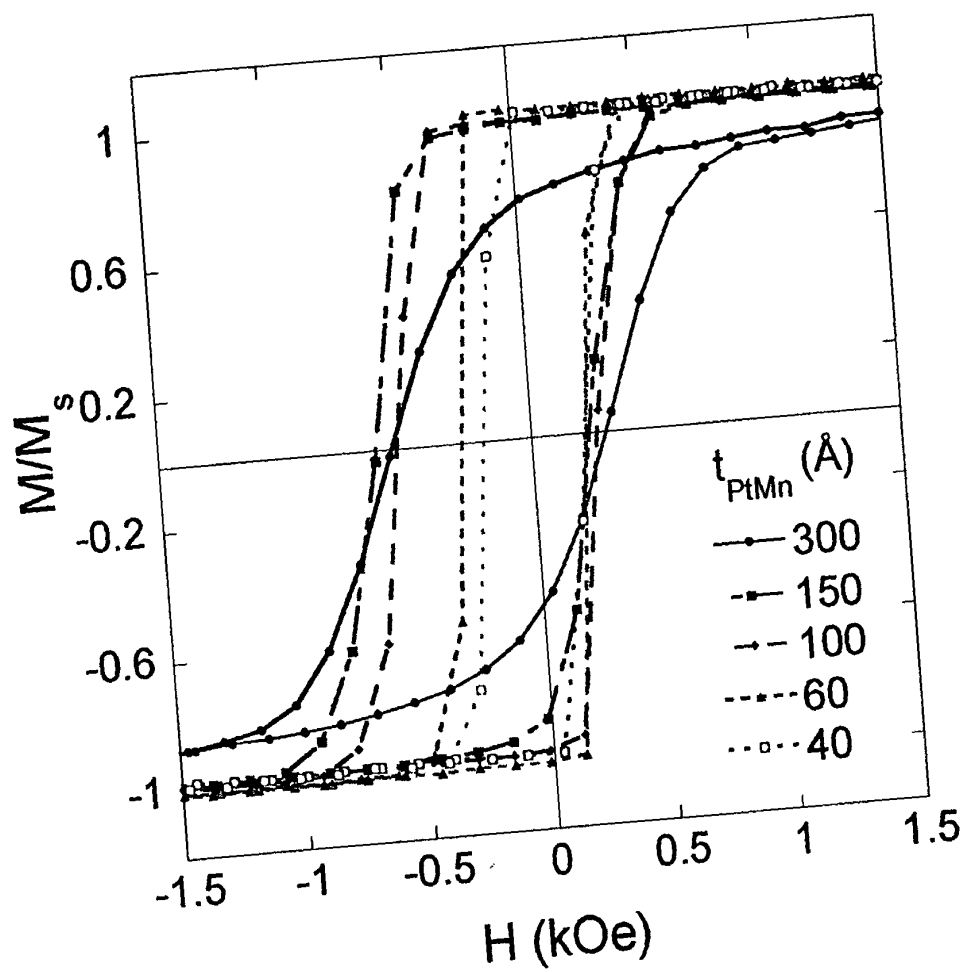


Figure 7

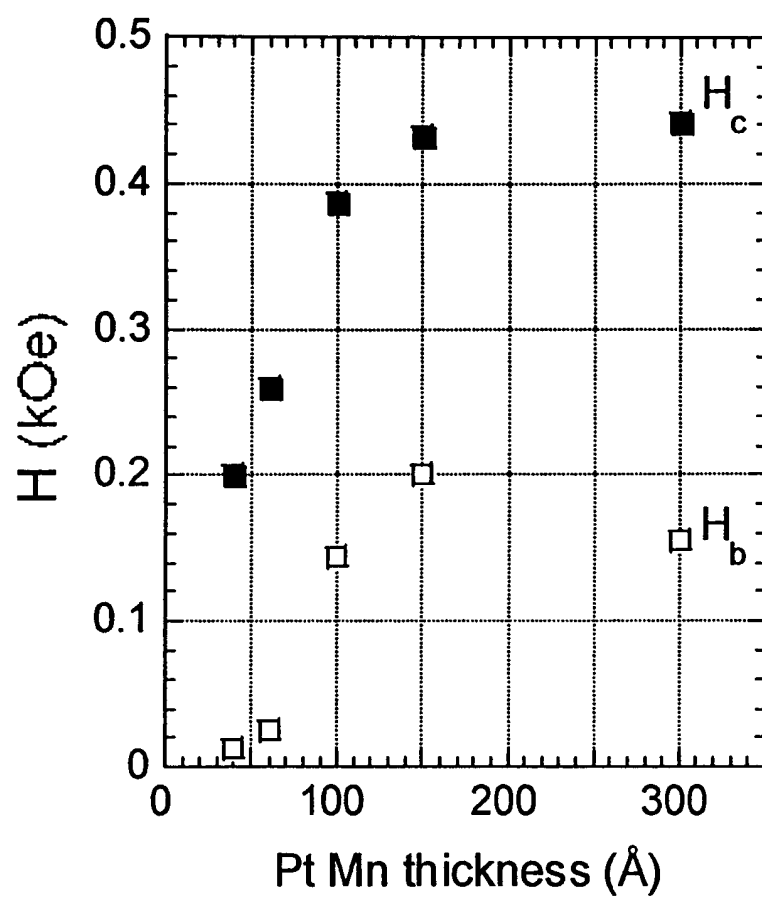


Figure 8

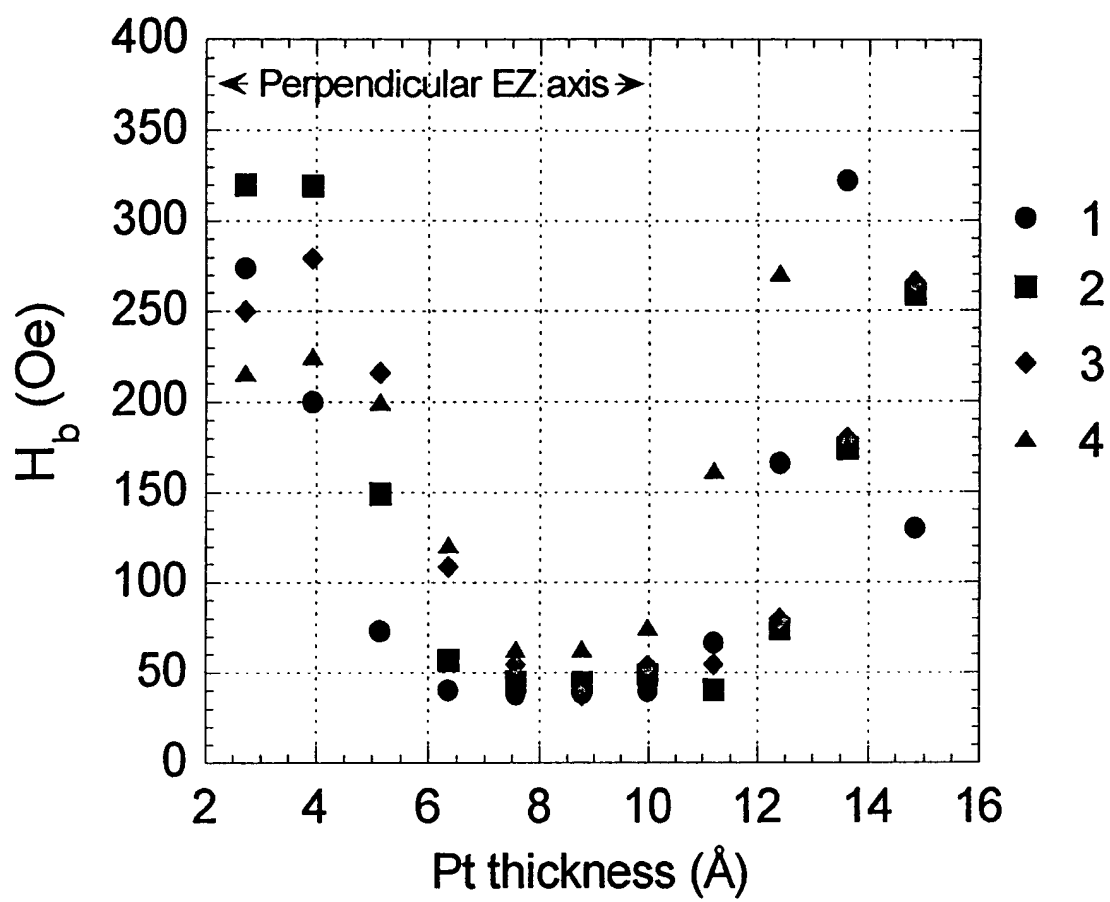


Figure 9

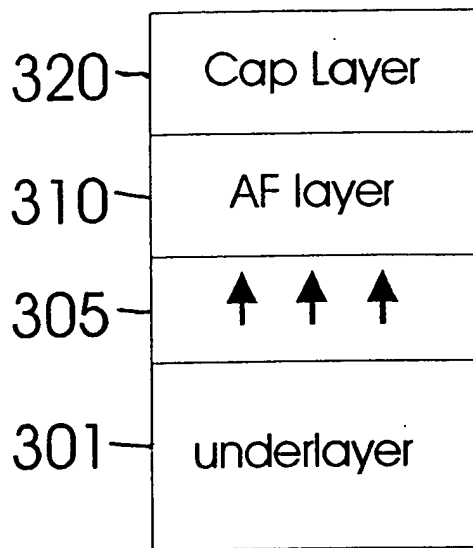


Fig. 10A

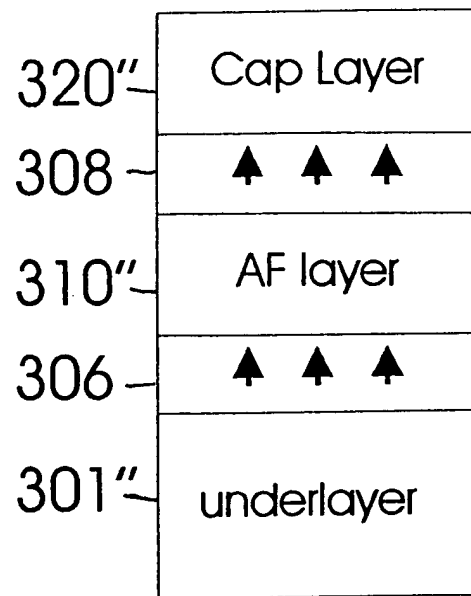


Fig. 10B

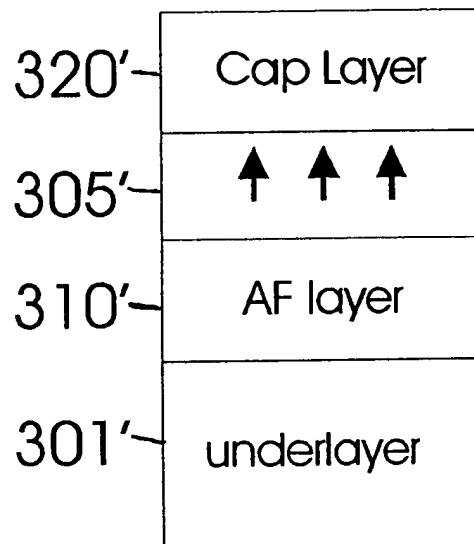


Fig. 10C

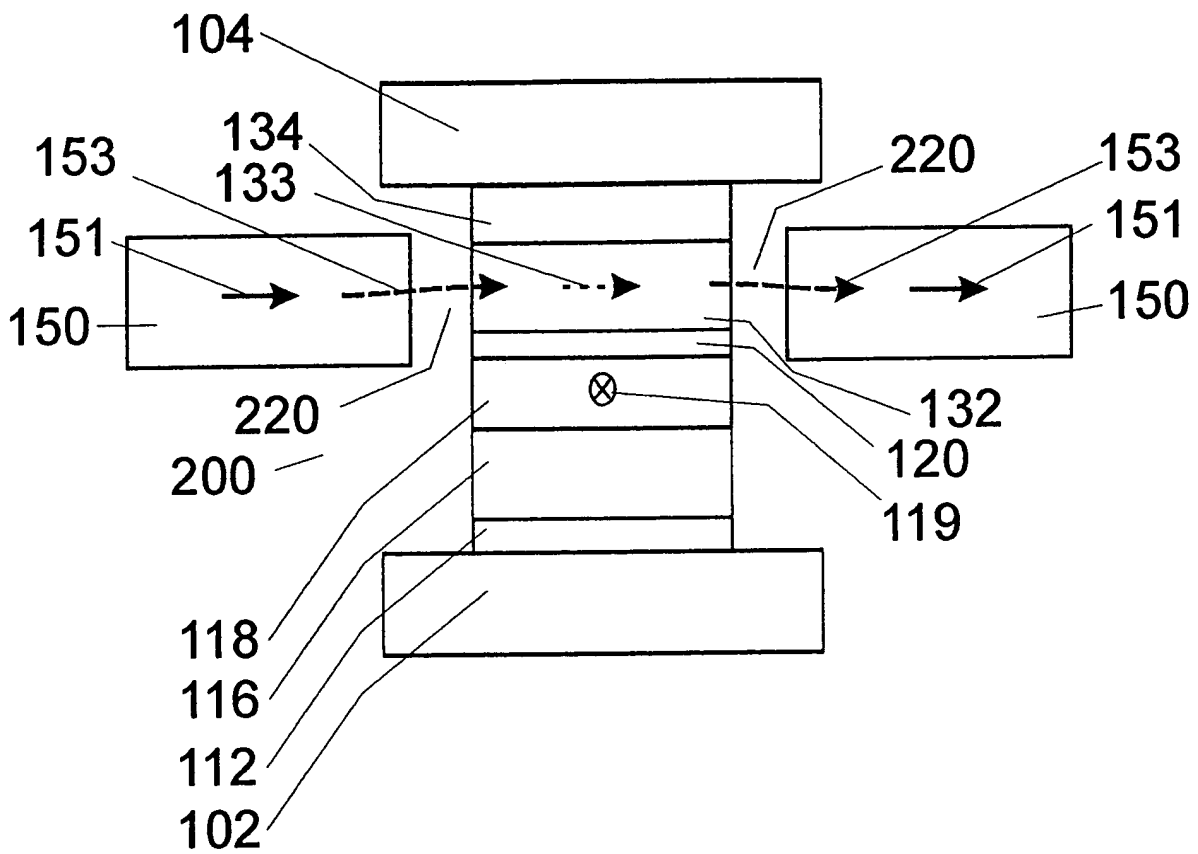


Figure 11 (*PRIOR ART*)

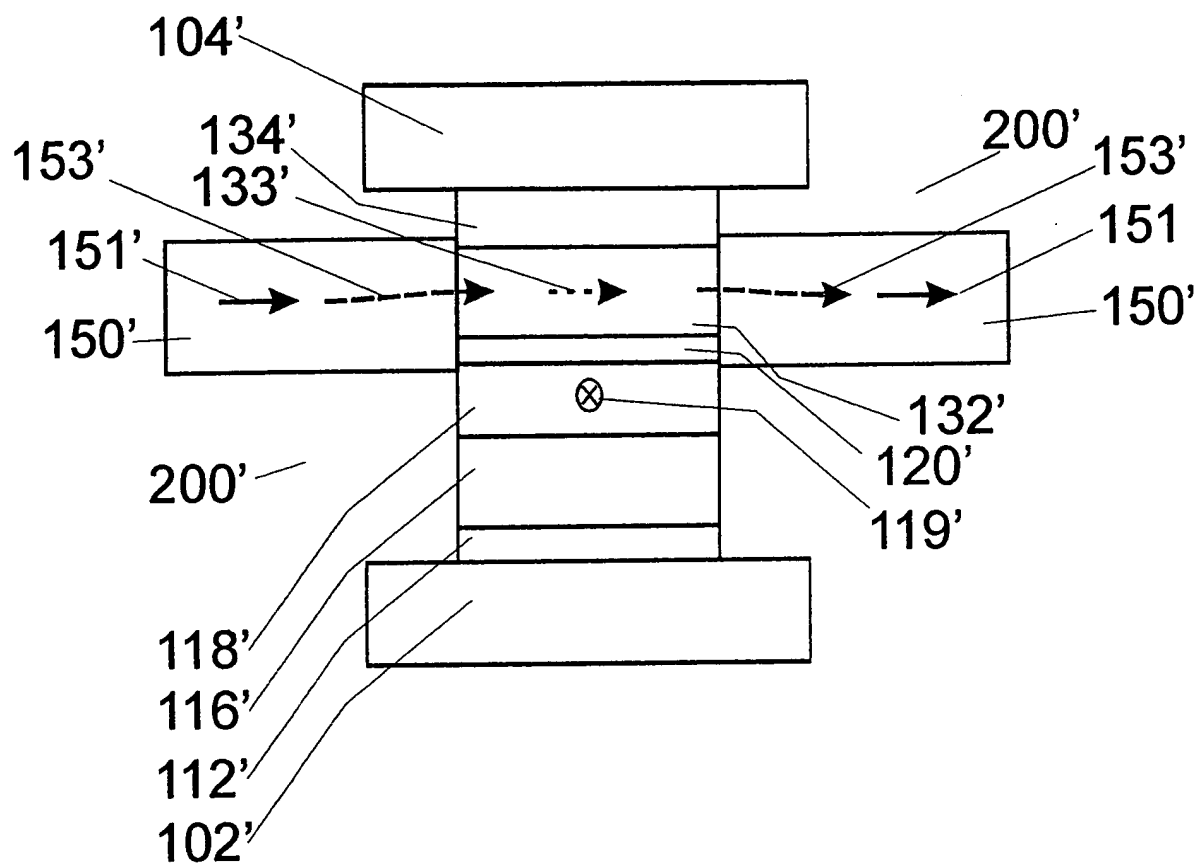


Figure 12

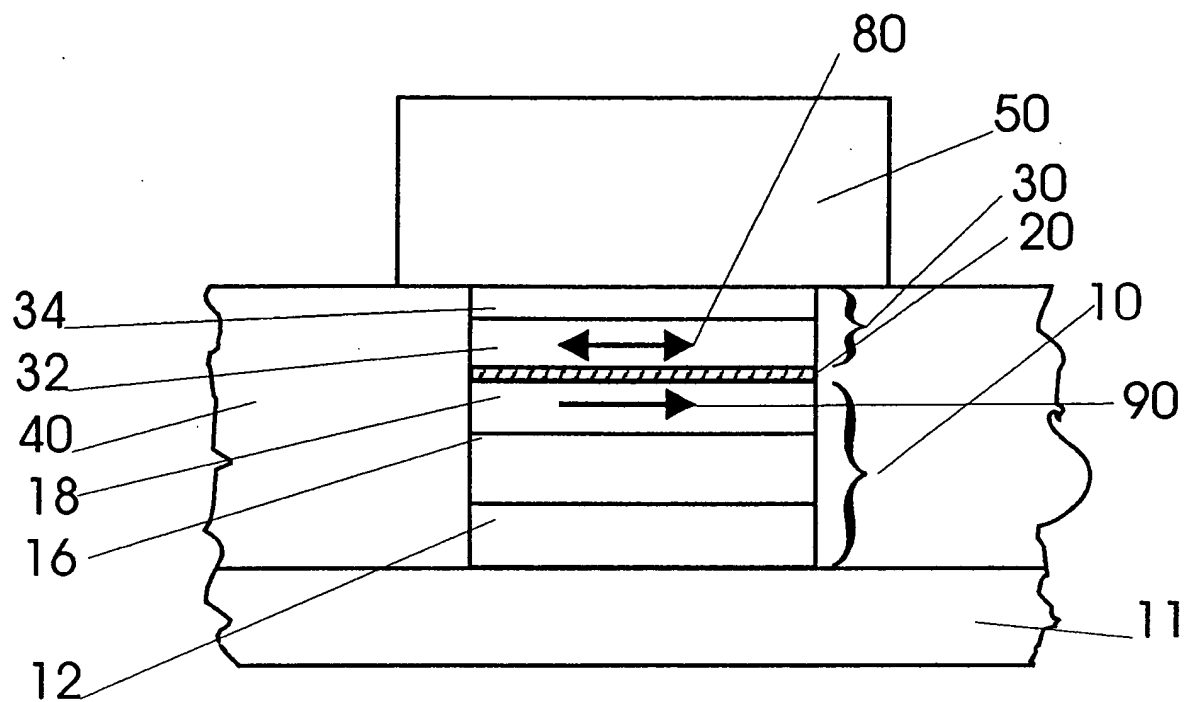


Figure 13 (*PRIOR ART*)



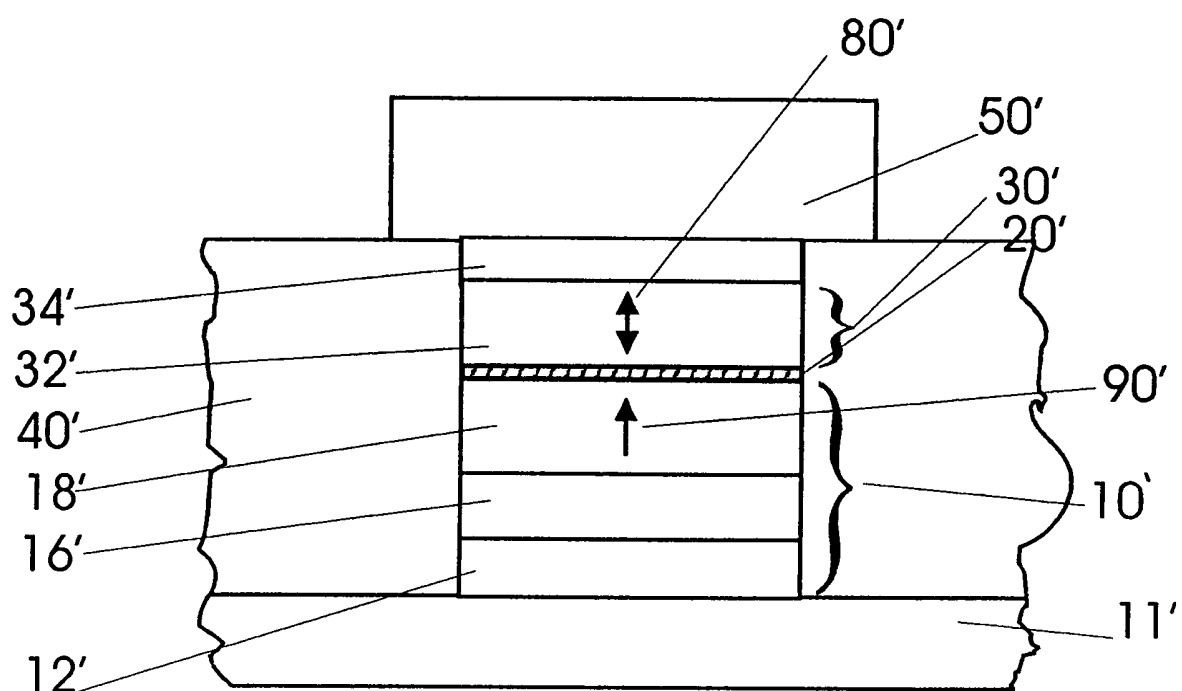


Figure 14